

Patent Abstracts of Japan

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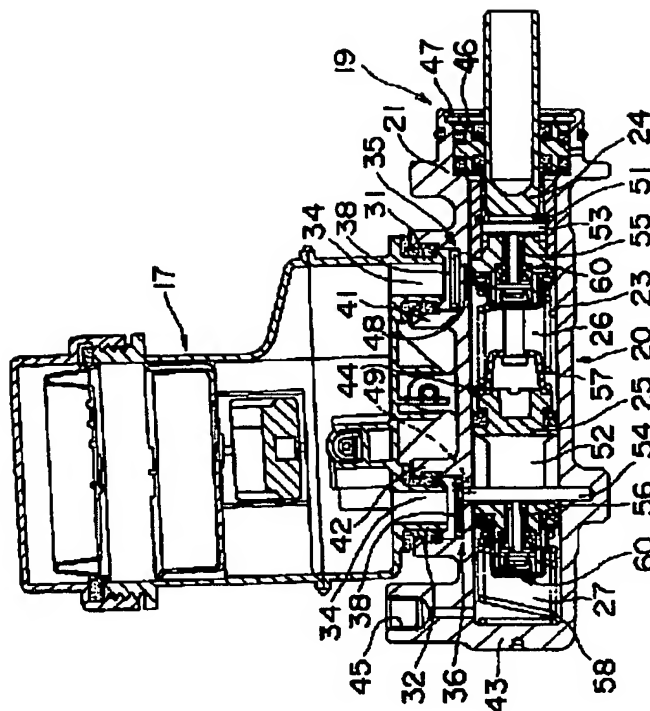
APPLICATION DATE : 26-04-99  
APPLICATION NUMBER : 11117600

APPLICANT : BOSCH BRAKING SYSTEMS CO LTD;

INVENTOR : SUGIMOTO RIICHIRO;

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TITLE : MASTER CYLINDER



ABSTRACT : PROBLEM TO BE SOLVED: To simplify structure and to reduce the number of part items while displaying the function of throttle mechanism without making the whole master cylinder large-sized.

SOLUTION: This master cylinder is provided with throttle valve mechanisms 35, 36 having floating valve elements 38 seated when pistons 24, 25 are actuated, so as to throttle the flow of an operating fluid from pressure generating chambers 26, 27 to a reservoir 17, and opened during non-actuation of the pistons 24, 25. The throttle valve mechanisms 35, 36 are arranged in fluid passages 34 for replenishing the operating fluid, and provided with the floating valve elements 38 with throttle passages, and valve seats for the floating valve elements 38 to abut on and separate from. The valve seats are provided at the tips of connecting parts 31, 32 of the reservoir 17 to a cylinder body 20.

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